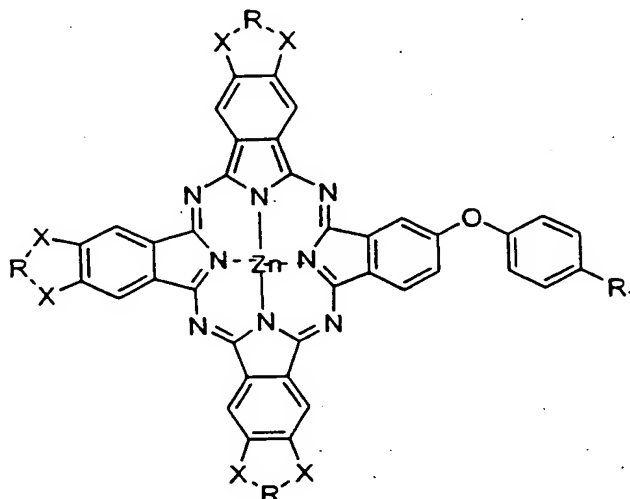


Abstract of the Disclosure

This invention provides β -cyclodextrin dimers and phthalocyanines which can be used in photodynamic therapy of cancer. The phthalocyanine compounds have the structure:

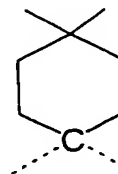
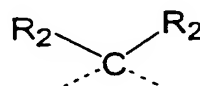


wherein X is C₁-C₄ alkylene, NH, N(C₁-C₄ alkyl), O, or S;

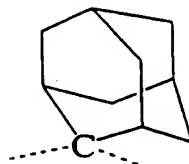
wherein R₁ is -CO₂H, -CO₂⁻, -N⁺(CH₃)₃, -SO₃H, or -SO₃⁻;

and

wherein R is



or



where the dashed lines indicate the attachments to X, and where R₂ is C₁-C₃ alkyl.